

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-319600

(43)Date of publication of application : 16.11.2001

(51)Int.Cl. H01J 29/86
H01J 29/07

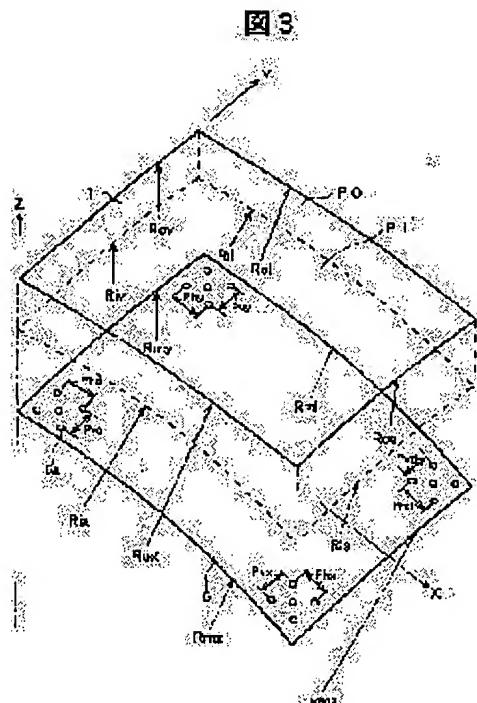
(21)Application number : 2000-134494 (71)Applicant : HITACHI LTD
HITACHI DEVICE ENG CO LTD
(22)Date of filing : 08.05.2000 (72)Inventor : WATANABE MITSURU
NAKANO YOSHIKI

(54) COLOR CATHODE-RAY TUBE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a flat panel type color cathode-ray tube that has a good flat image, and an improved strength for a fall of a shadow mask.

SOLUTION: An equivalent radius of curvature R_{ox} along an X axis for an outer face of a panel 1 is made smaller than an equivalent radius of curvature R_{oy} along a Y axis, and an equivalent radius of curvature R_{ix} along an X axis for an inner face of a panel 1 is made larger than an equivalent radius of curvature R_{iy} along Y axis. An optimum value for a ratio between the equivalent radius of curvature along Y axis of the inner face of the panel 1 and the equivalent radius of curvature along X axis is arranged to be in the range of $0.7 < (R_{iy}/R_{ix}) < 1.0$.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office